

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 7-2005)

ATTORNEY'S DOCKET NUMBER

362-100 PCT/US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unassigned 10/567312

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371INTERNATIONAL APPLICATION NO.  
PCT/JP2004/011874INTERNATIONAL FILING DATE  
12 August 2004PRIORITY DATE CLAIMED  
12 August 2003

## TITLE OF INVENTION

CONTROL SYSTEM FOR COMMUNICATION ROBOT

## APPLICANT(S) FOR DO/EO/US

Takayuki Kanda, Hiroshi Ishiguro, Takahiro Miyashita and Kiyoshi Kogure

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. ED017361388US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/567312</div> <div style="font-size: 0.8em;">Unassigned</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold;">PCT/JP2004/011874</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">362-100 PCT/US</div>
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23. Other items or information:  
**Return Receipt Postcard; 16 Sheets of Formal Drawings; copy of published application WO 2005/014242 A2; copy of republished application WO2005/014242 A1; copy of originally filed Request (Petition) for filing PCT application; copy of English version of International Search Report; copy of references cited in the International Search Report and English abstract of each reference.**

The following fees have been submitted:	CALCULATIONS	PTO USE												
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300	\$ 300.00													
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0 All other situations. .... \$200	\$ 200.00													
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500	\$ 400.00													
<b>TOTAL OF 24, 25 and 26 =</b>	<b>\$ 900.00</b>													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole)</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>79 - 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250.00</td> </tr> </tbody> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	79 - 100 =	0 /50 =	0	x \$250.00	\$ 0.00					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE											
79 - 100 =	0 /50 =	0	x \$250.00											
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>20 - 20 =</td> <td>0</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>x \$200.00</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	20 - 20 =	0	x \$50.00	Independent claims	4 - 3 =	1	x \$200.00	\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	20 - 20 =	0	x \$50.00											
Independent claims	4 - 3 =	1	x \$200.00											
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00														
<b>TOTAL OF ABOVE CALCULATIONS =</b>														
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.														
<b>SUBTOTAL =</b>														
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).														
<b>TOTAL NATIONAL FEE =</b>														
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +														
<b>TOTAL FEES ENCLOSED =</b>														
<b>Amount to be</b>		\$												
<b>Amount to be</b>		\$												

10/567312

IAP12 Rec'd PCT/PTO 03 FEB 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ \$590.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502335. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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Tel: 631-249-7500  
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*Gerald T. Bodner*

SIGNATURE

Gerald T. Bodner

NAME

30,449

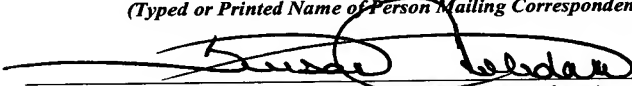
REGISTRATION NUMBER

February 3, 2006

DATE

10/567312

IAP12 Rec'd PCT/PTO 03 FEB 2006

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>362-100 PCT/US</b>	
Applicant(s): <b>Takayuki Kanda et al.</b>				
Application No. <b>Unassigned</b>	Filing Date <b>Herewith</b>	Examiner <b>Unassigned</b>	Customer No. <b>33769</b>	Group Art Unit <b>Unassigned</b>
Invention: <b>CONTROL SYSTEM FOR COMMUNICATION ROBOT</b>				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>Transmittal letter to the U.S. Designated/Elected Office and papers listed thereon</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u><b>February 3, 2006</b></u> <i>(Date)</i></p> <div style="text-align: center; margin-top: 20px;"><u><b>Susan Toledano</b></u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i> <u><b>ED017361388US</b></u> <i>("Express Mail" Mailing Label Number)</i></div>				
<b>Note: Each paper must have its own certificate of mailing.</b>				

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## PATENT

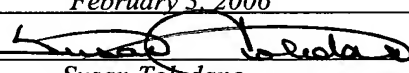
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Takayuki Kanda et al.	Examiner:	Unassigned
Serial No.:	Unassigned	Group Art Unit:	Unassigned
Filing Date:	Herewith	Docket No.:	362-100 PCT/US
Confirmation No.:	Unassigned	Customer No.:	33769
For:	CONTROL SYSTEM FOR COMMUNICATION ROBOT	Dated:	February 3, 2006

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Commissioner for Patents  
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Alexandria, VA 22313-1450

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*I hereby certify that this correspondence is being  
deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service  
under 37 CFR 1.10 in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450*

On: February 3, 2006  
Signature:   
Susan Toledano

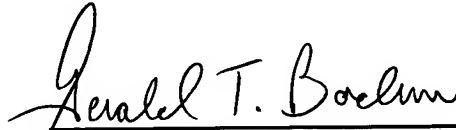
REQUEST FOR RECORDATION OF ASSIGNMENT DOCUMENT

Sir:

Transmitted herewith is an executed Assignment document and Recordation Form Cover Sheet for Patents, PTO-1595, for the above-identified application. The \$40.00 fee for recordation of the attached Assignment document is included in the check provided concurrently herewith for filing the application. Please record the enclosed documents accordingly and return them to the address set forth below once recordation has been completed.

If any additional fees are due or an overpayment has been made, please charge our Deposit Account No. 502335 or credit our deposit account for such sum. A duplicate copy of this letter is enclosed for that purpose.

Respectfully submitted,



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Gerald T. Bodner  
Attorney for Applicant  
Registration No. 30,449

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GTB/lg